ELSEVIER

European Journal of Operational Research 128 (2001) 689–691

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH

www.elsevier.com/locate/dsw

Contents Volume 128

1 Innovative research in OR/MS?
M. Pidd and P. Dunning-Lewis

14 Routing trains through a railway station based on a node packing model
P.J. Zwaneveld, L.G. Kroon and S.P.M. van Hoesel

34 An empirical investigation of meta-heuristic and heuristic algorithms for a 2D packing problem
E. Hopper and B.C.H. Turton

58 A pruning heuristic for use with multisource product design
P. Tarasewich and P.R. McMullen

74 Stack-up algorithms for palletizing at delivery industry
J. Rethmann and E. Wanke

98 Using competence sets to analyze the consumer decision problem
T.-Y. Chen

119 Machine scheduling with a rate-modifying activity
C.-Y. Lee and V.J. Leon

129 A heuristic for single machine scheduling with early and tardy costs
R. Mazzini and V.A. Armentano

147 Local search algorithms for the multiprocessor flow shop scheduling problem
E.G. Negenman

159 Two-stage open shop scheduling with a bottleneck machine
I.G. Drobouchevitch and V.A. Strusevich

175 A genetic algorithm of determining cycle time for printed circuit board assembly lines
P. Ji, M.T. Sze and W.B. Lee

185 The influence of perceived stock value price histories in the mean–variance-instability model
C. Atkinson and M.J. Alvarez

192 Optimal internal pricing and capacity planning for service facility with finite buffer
U. Sumita, Y. Masuda and S. Yamakawa

206 Data envelopment analysis with resource constraints: An alternative model with non-discretionary factors
S. Maital and A. Vaninsky

213 A duopolistic model of dynamic competitive advertising
Q. Wang and Z. Wu

227 Editorial: Methodology for handling complex societal problems
D.J. DeTombe

231 Introduction to the field of methodology for handling complex societal problems
D.J. DeTombe

233 Critical systems thinking and practice
M.C. Jackson

PII: S0377-2217(00)00274-5

245 Local systemic intervention
R.L. Flood
258 The process of problem-formulation
K. Bowen
266 Compram, a method for handling complex societal problems
D.J. DeTombe
282 Adaptive policies, policy analysis, and policy-making
W.E. Walker, S.A. Rahman and J. Cave
290 A methodology for conducting interdisciplinary social research
C. van Dijkum
300 Methodology for participatory policy analysis
J.L.A. Geurts and C. Joldersma
311 Social impact assessment
H.A. Becker
322 Interactive policy-making – a model of management for public works
P.P.J. Driessen, P. Glasbergen and C. Verdaas
338 Visual-interactive decision modeling (VIDEMO) in policy management: Bridging the gap between analytic and conceptual decision modeling
G.E.G. Beroggi
351 DEMO: Towards a discipline of organisation engineering
J.L.G. Dietz
364 In search of valid results in a complex economic environment: The potential of meta-analysis and value transfer
F. Bal and P. Nijkamp
385 New advances in spatial network modelling: Towards evolutionary algorithms
A. Reggiani, P. Nijkamp and E. Sabella
402 A general theory on spectral properties of state-homogeneous finite-state quasi-birth–death processes
M.M. Fadiloglu and S. Yeralan
418 Strategic financial management in a multinational financial conglomerate: A multiple goal stochastic programming approach
A. Korhonen
435 Minimax and symmetric duality for nonlinear multiobjective mixed integer programming
D.S. Kim and Y.R. Song
447 Solving large single allocation *p*-hub problems with two or three hubs
J. Ebery
459 Decision-theoretic foundations of qualitative possibility theory
D. Dubois, H. Prade and R. Sabbadin
479 A Bayesian network approach to making inferences in causal maps
S. Nadkarni and P.P. Shenoy
499 Aggregation of analytic hierarchy process models based on similarities in decision makers' preferences
N. Bolloju
509 A study of simple rules for subcontracting in make-to-order manufacturing
J.W.M. Bertrand and V. Sridharan
532 The categorical data analysis approach for ratio model of pairwise comparisons
I. Basak
545 Vehicle dispatching system based on Taguchi-tuned fuzzy rules
K.K. Tan and K.Z. Tang

558 Modeling and algorithmic development of a staff scheduling problem
S.C. Sarin and S. Aggarwal
570 A derivative algorithm for inexact quadratic program – application to environmental decision-making under uncertainty
M.J. Chen and G.H. Huang
587 Using objective values to start multiple objective linear programming algorithms
A. Arbel and P. Korhonen
597 Evaluating focused factory benefits with queuing theory
G.C. Souza, H.M. Wagner and D.C. Whybark
611 A queueing model with dependence between service and interarrival times
O.J. Boxma and D. Perry
625 The multi-hour service system design problem
A. Amiri
639 A new resolution method for the parametric linear complementarity problem
B. Gailly, M. Installe and Y. Smeers
647 Switching regression analysis by fuzzy adaptive network
C.-B. Cheng and E.S. Lee
664 On the directional bias of the ℓ_{bp}-norm
H. Üster and R.F. Love
674 An algorithm for a selection procedure
H.R. Maleki
679 A note on the paper "Resource-constrained project scheduling: Notation, classification, models and methods" by Brucker et al.
W. Herroelen, E. Demeulemeester and B. De Reyck
689 Contents Volume 128